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TRANSMITTAL FORM			Application No.	10/71	19,470	
		Filing Date	Nove	ember 21, 2003		
(to be used for all correspondence after initial filing)		First Named Inventor	Qing	hua Li		
		Art Unit	1614			
			Examiner Name	Not Y	Yet Assigned	
Total Number of F	Pages in This Submiss	ion	Attorney Docket Number	42P1	7467	
	ENCLO	SURES (chec	k all that apply)			
Fee Transmittal	Form	Drawing(s)			After Allowance Communication to Group	
Fee Attac	ched	Licensing-r	elated Papers		Appeal Communication to Board of Appeals and Interferences	
Amendment / R	esponse	Petition			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
After Fina Affidavits	ıl /declaration(s)	Petition to 0 Provisional	Convert a Application		Proprietary Information	
Extension of Tin	ne Request	Power of A Change of	ttorney, Revocation Correspondence Address		Status Letter	
Express Abandonment Request		Terminal D	isclaimer		Other Enclosure(s) (please identify below):	
☐ Request for Req		Request for	r Refund		Cited references Copy of PCT search report	
PTO/SB/	08	CD, Numbe	er of CD(s)		Return postcard	
Certified Copy of Document(s)	f Priority					
Response to Mi Incomplete App	ssing Parts/ lication	Remarks				
Basic	Filing Fee	Remarks				
Decla	aration/POA					
Response Parts und 1.52 or 1.	e to Missing ler 37 CFR 53					
	SIGNATUR	E OF APPLICA	NT, ATTORNEY, OR A	GENT		
Firm	Gregory D. Cal	dwell, Reg. No	o. 39,926			
or Individual name BLAKELY, SOKOLOFF,		OKOLOFF,	TAYLOR & ZAFN	ian I	LLP	
Signature						
Date April 11, 2005						
CERTIFICATE OF MAILING/TRANSMISSION						
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.						
Typed or printed na	Typed or printed name Katherine Jennings					
Signature	V Salbasa	est luman	$\rho = \frac{1}{1}$	Date	April 11, 2005	

Based on PTO/SB/21 (04-04) as modified by Blakely, Solokoff, Caylor & Zafragan (wir) 06/04/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22316-1450

Complete if Known EE TRANSMITTAL Application Number 10/719,470 for FY 2005 Filing Date November 21, 2003 Patent fees are subject to annual revision. First Named Inventor Qinghua Li **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27. Art Unit 1614 **TOTAL AMOUNT OF PAYMENT** Attorney Docket No. 42P17467 METHOD OF PAYMENT (check all that apply) ☐ Check ☐ Credit card ☐ Money Order ☒ None Other (please identify): Deposit Account Deposit Account Number: <u>02-2666</u> Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee ☐ Charge fee(s) indicated below ☑ Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments

FEE CALCULATION

under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

Large Er	ntity	Small	Entity		
Fee	Fee	Fee	Fee	Fee Description	Fee Paid
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1051	130	2051	65	Surcharge - late filing fee or oath	,
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401		Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460		Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b)))
Other f	fee (spe	cify) _			
				SUBTOTAL (2)	<u> </u>

Docket No.: 42P17467

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Application of:

QINGHUA LI, ET AL.

Application No.: 10/719,470

Filed: November 21, 2003

For: SDMA TRAINING AND OPERATION

Art Group: 1614

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The references were cited in a Search Report dated March 18, 2005 (copy enclosed herewith) in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Respectfully submitted,

BLAKELY, SOKOLOFF, JAYLOR & ZAFMAN LLP

Gregory D. Caldwell, Reg. No. 39,926

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (503) 439-8778

Date: April 11, 2005

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04-11-05

Date

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STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Sheet 1 of

	Complete if Known	
Application Number	10/719,470	
Filing Date	November 21, 2003	
First Named Inventor	Qinghua Li	
Art Unit	1614	
Examiner Name	Not Yet Assigned	
Attorney Docket Number	42P17467	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	US-2001/047424	11-29-2000	Alastalo et al			
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	FOREIGN PATENT DOCUMENTS								
Examiner Cite	Cite	Foreign Patent Document			Pages, Columns, Lines,				
		Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
	2	WO 0228119	04-04-2002	ArrayCom					
	3	EP 1263168	12-04-2002	Kabushiki					
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Examiner	Date
Signature	Considered

'Applicant's unique citation designation number (optional):See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04:Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3):For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possib@pplicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

^{&#}x27;Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Substitute	for form 1449A/PTO			Complete if Known		
				Application Number	10/719,470	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			UKE	Filing Date	November 21, 2003	
			ANT	First Named Inventor	Qinghua Li	
				Art Unit	1614	
	<u> </u>			Examiner Name	Not Yet Assigned	
Sheet 2		of	2	Attorney Docket Number	42P17467	

NON PATENT LITERATURE DOCUMENTS						
Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
4	YOUNG-BAE et al: "Medium Access Control Protocols Using Directional Antennas in Ad Hoc Networks: Infoco 2000. IEEE Tel Aviv, Israel 26-30 March 2000. pages 13-21 XP010376001	m				
5	SAKR et al: "Carrier-Sense Protocols for Packet-Switched Smart Antenna Basestations" IEEE 28 October 1997, pages 45-52, XP10258685					
6	KRISHNAMURTHY et al: "Polling-Based Media Access Protocols for Use with Smart Adaptive Array Antennas"					
7	REN: "Efficient Media Access Protocols for Wireless LANs with Smart Antennas" 2003 IEEE 16-20 March, Piscataway NJ, vol. 2 pages 1286-1290, XP010639952					
8	PCT Search report dated 3-18-05					
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	No.' 4 5 6 7	Cite No.! Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. YOUNG-BAE et al: "Medium Access Control Protocols Using Directional Antennas in Ad Hoc Networks: Infoco 2000. IEEE Tel Aviv, Israel 26-30 March 2000. pages 13-21 XP010376001 SAKR et al: "Carrier-Sense Protocols for Packet-Switched Smart Antenna Basestations" IEEE 28 October 1997, pages 45-52, XP10258685 KRISHNAMURTHY et al: "Polling-Based Media Access Protocols for Use with Smart Adaptive Array Antennas" REN: "Efficient Media Access Protocols for Wireless LANs with Smart Antennas" 2003 IEEE 16-20 March, Piscataway NJ, vol. 2 pages 1286-1290, XP010639952				

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Examiner	Date	
Signature	Considered	

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